

BANDARU BADRI NADH SAI

Software Engineer — CSE Undergraduate

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Professional Summary

Computer Science Engineering undergraduate with hands-on experience building full-stack applications, REST APIs, and AI-powered software using Python, Java, JavaScript, and TypeScript. Strong foundation in Data Structures & Algorithms, Object-Oriented Programming, DBMS, SQL, and problem solving, with experience in React, Express.js, API integration, validation, debugging, Git, and GitHub. Interested in building reliable, maintainable, and efficient software.

Technical Skills

Programming Languages:	Python, Java, JavaScript, TypeScript, C
CS Fundamentals:	Data Structures & Algorithms, Object-Oriented Programming, DBMS, SQL, Problem Solving
Software Development:	React, Vite, HTML, CSS, Full-Stack Development, Responsive Web Design
API & Backend:	REST API Development, Express.js, Backend Development, API Integration, API Validation, Debugging
Databases & Tools:	MySQL, Git, GitHub, VS Code
AI / ML / NLP:	Generative AI, LLMs, NLP, Prompt Engineering, Gemini API

Projects

Ben.ai – AI Assistant	<i>TypeScript, React, Vite, Express.js, Gemini API</i> <i>GitHub</i>
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- Built a full-stack AI assistant using React and TypeScript with an Express.js backend and RESTful chat API.
- Integrated Gemini API with conversation memory, structured responses, validation checks, and a local fallback mechanism; debugged API and application issues to improve reliability.

AI-Powered Indian Legal Assistant	<i>Python, NLP</i>
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- Developed a Python NLP application for processing and summarizing Indian legal documents.
- Extracted key clauses and generated concise plain-language summaries for efficient document analysis.

Ambulance Booking System	<i>HTML, CSS, JavaScript</i> <i>GitHub</i>
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- Developed a responsive ambulance booking application covering patient details, ambulance selection, and booking confirmation.
- Implemented client-side form handling, input validation, and browser-based voice input using JavaScript and Web Speech API.

Badri Car Studio – Frontend Website	<i>HTML, CSS, JavaScript, Netlify Forms</i> <i>GitHub</i>
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- Built a responsive single-page website with mobile navigation, interactive scrolling, and a contact form.
- Added SEO metadata, sitemap configuration, and GitHub-based deployment workflow for live hosting.

Training

Cloud Computing Training Program – IIT Guwahati	May 2025 – Jun 2025
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- Covered cloud computing fundamentals, virtualization, cloud service models, and deployment concepts.

Education

B.Tech in Computer Science Engineering, Vignan University	2023 – 2027
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Intermediate, Narayana Junior College	2021 – 2023
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SSC, V.R. High School	2020 – 2021
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Certifications

- AI for Future Workforce: Natural Language Processing – Intel
- Full Stack Development MasterClass – NoviTech R&D
- TCS iON Career Edge – Young Professional
- Power BI Data Modelling Basics

Languages

Telugu (Native), English